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U. S. Department of Agriculture

LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during January 1938.

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

Forty-sixth annual report of the Alabama Agricultural Experiment Station, July 1, 1934 to December 31, 1935. M. J. Funchess. [1936.] Auburn.

Forty-seventh annual report of the Alabama Agricultural Experiment Station, January 1, to December 31, 1936. M. J. Funchess. [1937.] Auburn.

A study of the effect of pollen upon the length of cotton fibers. E. H. Pressley. (Ariz. Sta. Tech. Bul. 70. 1937.) Tucson.

Diseases of turkeys. W. R. Hinshaw. (Calif. Sta. Bul. 613. 1937.) Berkeley.

Utilization of fruit in commercial production of fruit juices. M. A. Joslyn and G. L. Marsh. (Calif. Sta. Circ. 344. 1937.) Berkeley.

Effect of zinc applications on the crop of grapefruit trees affected with mottle-leaf. E. R. Parker. (Hilgardia [Calif. Sta.], vol. 11, no. 2. 1937.) Berkeley.

Golden anniversary (fiftieth) annual report of the Colorado Agricultural Experiment Station for the fiscal year of July 1, 1936 to June 30, 1937, inclusive. E. P. Sandsten. 1937. Fort Collins.

Florida citrus prices, II. A. H. Spurlock and M. A. Brooker. (Fla. Sta. Bul. 317. 1937.) Gainesville.

A preliminary report on fenching of tung trees. W. Reuther and R. D. Dickey. (Fla. Sta. Bul. 318. 1937.) Gainesville.

Nursery propagation and topworking of the macadamia. J. H. Beaumont and R. H. Moltzau. (Hawaii Sta. Circ. 13. 1937.) Honolulu.

Damping-off control, an evaluation of seed and soil treatments. K. J. Kadow and H. W. Anderson. (Ill. Sta. Bul. 439. 1937.) Urbana.

Illinois corn performance tests, 1937. G. H. Dungan et al. (Ill. Sta. Bul. 440. 1938.) Urbana.

Shall we move to the country? A statement of the opportunities and problems met in acquiring and managing a small farm. R. C. Ross et al. (Ill. Sta. Circ. 479. 1937.) Urbana.

Growing fruit for home use. V. W. Kelley. (Ill. Sta. Circ. 482. 1937.)
Urbana.

Green peas for Illinois markets. J. W. Lloyd. (Ill. Sta. Circ. 483. 1938.)
Urbana.

Twenty-third annual report of the Creamery License Division for the year ending
March 31, 1937. T. H. Binney. (Ind. Sta. Circ. 233. 1937.) Lafayette.

Control of leafy spurge, Euphorbia esula L. A. L. Bakke. (Iowa Sta. Res. Bul.
222. 1937.) Ames.

Nitrogen, the major cause in the production of spotted wheat fields. P. L. Gainey,
M. C. Sewell, and H. E. Myers. (Kans. Sta. Tech. Bul. 43. 1937.) Manhattan.

Swine feeding investigations, 1926 to 1930. C. E. Aubel and M. A. Alexander.
(Kans. Sta. Circ. 187. 1937.) Manhattan.

Swine feeding investigations, 1930 to 1935. C. E. Aubel and W. E. Connell. (Kans.
Sta. Circ. 188. 1937.) Manhattan.

The soil rot disease of sweet potatoes. L. H. Person and C. W. Edgerton. (La.
Sta. Circ. 21. 1937.) Baton Rouge.

Commercial fertilizers, 1937. E. R. Tobey. (Maine Sta. Off. Insp. 165. 1937.)
Orono.

Woody plants for New England gardens, parks and roadsides. G. Graves. (Mass. Sta.
Bul. 345. 1937.) Amherst.

Seventeenth annual report on eradication of pullorum disease in Massachusetts.
(Mass. Sta. Control Ser. Bul. 88. 1937.) Amherst.

Celery production in Michigan. (Mich. Sta. Circ. 165. 1938.) East Lansing.

Ecological changes due to thinning jack pine. T. S. Hansen. (Minn. Sta. Tech.
Bul. 124. 1937.) University Farm, St. Paul.

The mosquitoes of Minnesota, with special reference to their biologies. W. B. Owen.
(Minn. Sta. Tech. Bul. 126. 1937.) University Farm, St. Paul.

Proposed adjustments in the farm tenancy system in Missouri. J. H. Dickerson.
(Mo. Sta. Res. Bul. 270. 1937.) Columbia.

Photoperiodism and enzyme activity in the soybean plant. A. D. Hibbard. (Mo.
Sta. Res. Bul. 271. 1937.) Columbia.

Soils of Judith Basin County. L. F. Gieseke. (Mont. Sta. Bul. 349. 1937.)
Bozeman.

Does grasshopper and cricket control work involve hazards to livestock? F. T.
Donaldson and H. Welch. (Mont. Sta. Bul. 351. 1938.) Bozeman.

Ground cornstalks and cobs as base materials and magnesium sulphate and sodium
fluosilicate as poisons in grasshopper baits. R. Roberts. (Nebr. Sta.
Bul. 312. 1937.) Lincoln.

The utilization of food elements by growing chicks: III, A comparison of calcium carbonate and calcium sulfate as sources of calcium. C. W. Ackerson, M. J. Blish, and F. E. Mussehl. (Nebr. Sta. Res. Bul. 96. 1937.) Lincoln.

Production of crops and livestock on the Newlands Project, 1912 to 1936. F. B. Headley. (Nev. Sta. Bul. 146. 1937.) Reno.

Hog feeding experiments. F. B. Headley. (Nev. Sta. Bul. 147. 1937.) Reno.

Squab production. C. S. Platt and R. S. Dare. (N. J. Sta. Bul. 634. 1937.) New Brunswick.

Analyses of materials sold as insecticides and fungicides during 1937. C. S. Cathcart and R. L. Willis. (N. J. Sta. Bul. 635. 1937.) New Brunswick.

Methods of growing plants in solution and sand cultures. J. W. Shive and W. R. Robbins. (N. J. Sta. Bul. 636. 1937.) New Brunswick.

Vegetable-crop production in Orleans County, New York. W. C. Barnes. (N. Y. (Cornell) Sta. Bul. 682. 1937.) Ithaca.

A study of potato yellow dwarf in New York. L. M. Black. (N. Y. (Cornell) Sta. Mem. 209. 1937.) Ithaca.

Effects of superphosphate upon the yield and earliness in maturity of cotton. C. B. Williams, T. S. Buie, and S. V. Stacy. (N. C. Sta. Bul. 314. 1937.) State College Station, Raleigh.

Farm tenancy and rental contracts in North Dakota. C. E. Miller and W. O. Brown. (N. Dak. Sta. Bul. 289. 1937.) Fargo.

Effect of agricultural and home economics research on Oregon's agricultural progress: A report of activities and accomplishments [of the Oregon Agricultural Experiment Station] for biennium ending June 30, 1936. W. A. Schoenfeld and R. S. Besse. (Oreg. Sta. Bul. 350. 1937.) Corvallis.

Some inequalities in the assessment of farm real estate in South Carolina. G. H. Aull and E. Riley. (S. C. Sta. Bul. 313. 1938.) Clemson.

A preliminary study of the effect of cultivation on certain chemical and physical properties of some South Dakota soils. L. F. Fuhr and O. Olson. (S. Dak. Sta. Bul. 314. 1937.) Brookings.

Cryolite spray residues and human health. S. Marcovitch, G. A. Shuey and W. W. Stanley. (Tenn. Sta. Bul. 162. 1937.) Knoxville.

Catalogue of the flora of Texas. V. L. Cory and H. B. Parks. (Tex. Sta. Bul. 550. 1937.) College Station.

Valuable plants native to Texas. H. B. Parks. (Tex. Sta. Bul. 551. 1937.) College Station.

Losses of vitamin A and carotene from feeds during storage. G. S. Fraps and A. R. Kemmerer. (Tex. Sta. Bul. 557. 1937.) College Station.

The sorghum webworm (Celama sorghiella Riley). H. J. Reinhard. (Tex. Sta. Bul. 559. 1938.) College Station.

Truck crop investigations: Rapid chemical tests for Coastal Plain soils. J. B. Hester, J. M. Blume, and F. A. Shelton. (Va. Truck Sta. Bul. 95. 1937.) Norfolk.

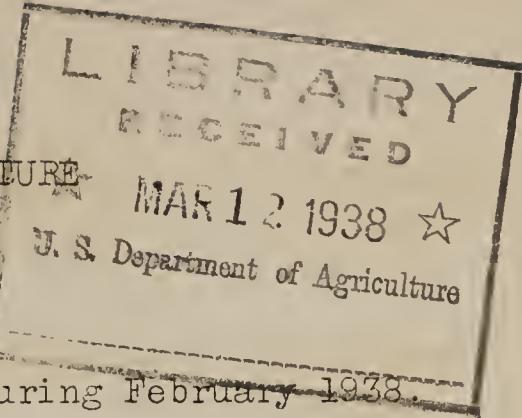
Truck crop investigations: Spinach and cabbage seed treatment. H. T. Cook. (Va. Truck Sta. Bul. 96. 1937.) Norfolk.

Truck crop investigations: Watermelon wilt and resistant varieties for its control. H. T. Cook. (Va. Truck Sta. Bul. 97. 1937.) Norfolk.

What's new in farm science: Annual report of the director for the year ended June 30, 1937, part I. C. L. Christenson and N. Clark. (Wis. Sta. Bul. 439. 1937.) Madison.

The epidemiology and control of cherry leaf spot. G. W. Keitt et al. (Wis. Sta. Res. Bul. 132. 1937.) Madison.

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1938
UNITED STATES DEPARTMENT OF AGRICULTURE
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The value of peanuts and peanut meal in rations for chickens. D. F. King and G. J. Cottier. (Ala. Sta. Circ. 80. 1937.) Auburn.

Phymatotrichum (cotton or Texas) root rot in Arizona. R. B. Streets. (Ariz. Sta. Tech. Bul. 71. 1937.) Tucson.

Electric pig brooders. J. R. Tavernetti and E. H. Hughes. (Calif. Sta. Bul. 618. 1937.) Berkeley.

Proso or hog millet. J. J. Curtis, J. F. Brandon, and D. W. Robertson. (Colo. Sta. Bul. 438. 1937.) Fort Collins.

High-altitude studies on dry-land grasses and clovers. D. Koonce. (Colo. Sta. Bul. 439. 1937.) Fort Collins.

Seal coats for bituminous surfaces. A. R. Legault. (Colo. Sta. Bul. 440. 1937.) Fort Collins.

Plant propagation. L. R. Bryant. (Colo. Sta. Bul. 441. 1938.) Fort Collins.

Suckleya suckleyana, a poisonous plant. F. Thorp, Jr. et al. (Colo. Sta. Tech. Bul. 22. 1937.) Fort Collins.

A study of farm layout in Indiana. E. C. Young and F. V. Smith. (Ind. Sta. Bul. 423. 1937.) Lafayette.

Inspection of agricultural seeds. H. R. Kraybill et al. (Ind. Sta. Circ. 231. 1937.) Lafayette.

Nutrient solution methods of greenhouse crop production. R. B. Withrow and J. P. Biebel. (Ind. Sta. Circ. 232. 1937.) Lafayette.

Financial records for farmers' creameries. F. Robotka and J. M. Cowden. (Iowa Sta. Bul. 369. 1938.) Ames.

The 1937 Iowa corn yield test. J. L. Robinson et al. (Iowa Sta. Bul. 370. 1938.) Ames.

The parasitism of Colletotrichum lagenarium (Pass.) Ell. and Halst. D. V. Layton. (Iowa Sta. Res. Bul. 223. 1937.) Ames.

Chemistry of butter and butter making: IV, The relationships among the cream acidity, the churning loss and the churning time. E. W. Bird, D. F. Breazeale and E. R. Bartle. (Iowa Sta. Res. Bul. 227. 1937.) Ames.

Inheritance and correlation of shape, size and color in the watermelon, Citrullus vulgaris Schrad. L. M. Weetman. (Iowa Sta. Res. Bul. 228. 1937.) Ames.

Influence of environmental factors on the growth of the corn plant under field conditions. H. F. Eisele. (Iowa Sta. Res. Bul. 229. 1938.) Ames.

Family incomes and land utilization in Knox County. W. D. Nicholls, J. H. Bondurant, and Z. L. Galloway. (Ky. Sta. Bul. 375. 1937.) Lexington.

Tobacco mosaic sources of infection and control. W. D. Valleau and E. M. Johnson. (Ky. Sta. Bul. 376. 1937.) Lexington.

Milk marketing in Lexington. J. B. Roberts and H. B. Price. (Ky. Sta. Bul. 377. 1937.) Lexington.

Seed inspection in Kentucky, 1936-1937. W. A. Price et al. (Ky. Sta. Regulatory Ser. 13. 1937.) Lexington.

Commercial feeds in Kentucky in 1936. J. D. Turner et al. (Ky. Sta. Regulatory Ser. 14. 1937.) Lexington.

A study of the fertilization of rice. J. F. Reed and M. B. Sturgis. (La. Sta. Bul. 292. 1937.) Baton Rouge.

Inspection of commercial feedstuffs. P. H. Smith. (Mass. Sta. Control Ser. Bul. 89. 1937.) Amherst.

Inspection of commercial fertilizers. H. D. Haskins. (Mass. Sta. Control Ser. Bul. 90. 1937.) Amherst.

Inspection of agricultural lime products. H. D. Haskins. (Mass. Sta. Control Ser. Bul. 91. 1937.) Amherst.

Meteorological observations for October 1937. C. I. Gunness. (Mass. Sta. Met. Bul. 586. 1937.) Amherst.

Meteorological observations for November 1937. C. I. Gunness. (Mass. Sta. Met. Bul. 587. 1937.) Amherst.

Meteorological observations for December 1937. C. I. Gunness. (Mass. Sta. Met. Bul. 588. 1937.) Amherst.

Meteorological observations for January 1938. C. I. Gunness. (Mass. Sta. Met. Bul. 589. 1938.) Amherst.

The Quarterly Bulletin. (Mich. Sta. Quart. Bul. vol. 20, no. 3. 1938.) East Lansing.

Minnesota cooperative creameries. E. F. Koller and O. B. Jesness. (Minn. Sta. Bul. 333. 1937.) University Farm, St. Paul.

Factors affecting the pathogenicity of Fomes lignosus Klotzsch. J. G. Harrar.
(Minn. Sta. Tech. Bul. 123. 1937.) University Farm, St. Paul.

Family living on poorer and better soil. D. Dickins. (Miss. Sta. Bul. 320. 1937.) State College.

The effect of serving temperature upon consumer acceptance of ice cream and sherbets. W. H. E. Reid and W. S. Arbuckle. (Mo. Sta. Res. Bul. 272. 1938.) Columbia.

Comparative value of cyanamid in fertilization of apple trees, soil changes and tree response. G. E. Smith and A. E. Murneek. (Mo. Sta. Res. Bul. 273. 1938.) Columbia.

Top and double working, and bridge grafting of fruit trees. T. J. Talbert.
(Mo. Sta. Circ. 196. 1938.) Columbia.

The conservation of Montana's irrigated lands. P. L. Slagsvold and H. H. Lord.
(Mont. Sta. Bul. 350. 1937.) Bozeman.

Analyses of commercial fertilizers. J. T. Sparling and E. Burke. (Mont. Sta. Bul. 352. 1938.) Bozeman.

The utilization of food elements by growing chicks: IV, Meat meal and fish meal compared with meat meal, fish meal, and soybean meal as protein concentrates. C. W. Ackerson, M. J. Blish, and F. E. Mussehl. (Nebr. Sta. Res. Bul. 97. 1938.) Lincoln.

The prevention of anthrax. L. Van Es. (Nebr. Sta. Circ. 56. 1938.) Lincoln.

Eggs under the hammer: Marketing of New Hampshire eggs with special reference to the auction method of sale. L. A. Dougherty. (N. H. Sta. Bul. 300. 1937.) Durham.

Inspection of commercial fertilizers for 1937. T. O. Smith and H. A. Davis.
(N. H. Sta. Bul. 301. 1937.) Durham.

Dairy herd replacements in southern New Hampshire. H. C. Grinnell. (N. H. Sta. Bul. 302. 1938.) Durham.

Prevalence and classification of hemolytic streptococci in pasteurized milk. L. W. Slanetz. (N. H. Sta. Tech. Bul. 70. 1938.) Durham.

Evaluation of varieties of peaches in the Northeast. M. A. Blake. (N. H. Sta. Circ. 54. 1937.) Durham.

Forty-eighth annual report, New Mexico Agricultural Experiment Station for the fiscal year ended June 30, 1937. F. Garcia. 1937. State College.

Development of highway administration and finance in New York. W. M. Curtiss.
(N. Y. (Cornell) Sta. Bul. 680. 1937.) Ithaca.

Development of assessment of property and collection of taxes in rural New York. F. F. Hedlund. (N. Y. (Cornell) Sta. Bul. 681. 1937.) Ithaca.

An economic study of land utilization in Monroe County, New York. W. T. Wilson and J. N. Efferson. (N. Y. (Cornell) Sta. Bul. 683. 1937.) Ithaca.

An economic study of land utilization in Cortland County, New York. E. H. Matzen. (N. Y. (Cornell) Sta. Bul. 685. 1938.) Ithaca.

Studies of the blood precursor of milk fat. L. A. Maynard et al. (N. Y. (Cornell) Sta. Mem. 211. 1938.) Ithaca.

Cornell Agricultural Experiment Station, fiftieth annual report, 1937. C. E. Ladd. 1938. Ithaca.

Cotton marketing in the Salisbury area of North Carolina. J. W. Wright, G. R. Smith, and J. A. Shanklin. (N. C. Sta. Bul. 317. 1937.) State College Station, Raleigh.

Bang's disease in North Carolina. W. Moore, C. D. Grinnells, and L. J. Faulhaber. (N. C. Sta. Tech. Bul. 54. 1937.) State College Station, Raleigh.

The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 190. 1938.) Wooster.

A program for shade trees in Oklahoma. K. S. Chester et al. (Okla. Sta. Bul. 234. 1938.) Stillwater.

Comparative durability of shingles and shingle nails. J. A. Ferguson. (Pa. Sta. Bul. 353. 1938.) State College.

Blackberry and dewberry varieties in East Texas. H. F. Morris. (Tex. Sta. Bul. 558. 1938.) College Station.

The relation of the spectro vitamin A and carotene content of butter to its vitamin A potency measured by biological methods. G. S. Fraps and A. R. Kemmerer. (Tex. Sta. Bul. 560. 1938.) College Station.

Cultural experiments with Yellow Bermuda onions under irrigation. L. R. Hawthorn. (Tex. Sta. Bul. 561. 1938.) College Station.

Forty-ninth annual report [Texas Agricultural Experiment Station], 1936. A. B. Conner. [1937.] College Station.

An economic study of farming in Appomattox County, Virginia. W. L. Gibson, Jr. (Va. Sta. Bul. 311. 1937.) Blacksburg.

1, The control of peach leaf curl, scab and brown rot; 2, spray materials for peaches. R. H. Hurt. (Va. Sta. Bul. 312. 1937.) Blacksburg.

Studies on tobacco downy mildew in Virginia. R. G. Henderson. (Va. Sta. Tech. Bul. 62. 1937.) Blacksburg.

The adaptability of strawberry clover to saline soils. C. A. Larson. (Wash. Sta. Bul. 353. 1938.) Pullman.

The nutritive value of apples. E. N. Todhunter. (Wash. Sta. Pop. Bul. 152. 1937.) Pullman.

Fruit varieties for West Virginia. R. S. Marsh and W. H. Childs. (W. Va. Sta. Circ. 75. 1933.) Morgantown.

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The reclamation of alkali soils. W. F. Kelley. (Calif. Sta. Bul. 617. 1937.) Berkeley.

The determination of yield and shrinkage of wool by scouring small samples.

J. F. Wilson.- Single and multiple fiber tests for determining comparative breaking loads of wool fibers. J. F. Wilson and E. P. Roessler. (Hilgardia [Calif. Sta.] vol. 11, no. 4. 1938.) Berkeley.

A study of the influence of the interval between matings upon the reproductive performance of the albino rat. A. H. Smith, W. E. Anderson, and R. B. Hubbell. (Conn. (State) Sta. Bul. 406. 1938.) New Haven.

Chemical investigations of the tobacco plant: VII, Chemical changes that occur in stalks during culture in light and in darkness. H.B. Vickery et al. (Conn. (State) Sta. Bul. 407. 1938.) New Haven.

Infectious bovine mastitis: 5, Bovine mastitis and milk yield. G. C. White et al. (Conn. (Storrs) Sta. Bul. 220. 1937.) Storrs.

Report of progress for year ending June 30, 1937. F. Griffey. (Maine Sta. Bul. 387. 1937.) Orono.

A graphic presentation of changes in the agriculture of Maryland from 1930 to 1935. A. B. Hamilton. (Md. Sta. Bul. 411. 1937.) College Park.

Economy in county government. E. C. Weitzell. (Md. Sta. Bul. 412. 1937.) College Park.

Some factors affecting the accuracy of the Babcock test on composite samples of milk. C. W. England and C. D. D'Ambrogi. (Md. Sta. Bul. 413. 1937.) College Park.

Historical trend in Massachusetts industries, 1837-1933. D. Rozman and R. E. Sherburne. (Mass. Sta. Bul. 340. 1938.) Amherst.

Shade tree law in Massachusetts. E. T. Simoneau. (Mass. Sta. Bul. 349. 1938.) Amherst.

Meteorological observations for February 1938. C. I. Gunnoss. (Mass. Sta. Met. Bul. 590. 1938.) Amherst.

High school communities in Michigan. J. F. Thaden and E. Mumford. (Mich. Sta. Spec. Bul. 289. 1938.) East Lansing.

Fruits for year around use. R. M. Griswold. (Mich. Sta. Circ. 164. 1938.)
East Lansing.

Seasonal variations of prices and marketings of Minnesota agricultural products, 1921-1935. W. C. Waite and R. W. Cox. (Minn. Sta. Tech. Bul. 127. 1938.) University Farm, St. Paul.

Growth and development, with special reference to domestic animals: XLIII, Diurnal metabolic and activity rhythms. V. V. Herring and S. Brody. (Mo. Sta. Res. Bul. 274. 1938.) Columbia.

The effect of thyroid and thyroxine on milk secretion in dairy cattle. H. A. Herman, W. R. Graham, Jr., and C. W. Turner. (Mo. Sta. Res. Bul. 275. 1938.) Columbia.

The relation of different ingredients of ice cream to its freezing and supercooling points. W. H. E. Reid. (Mo. Sta. Res. Bul. 276. 1938.) Columbia.

Growing potatoes. R. A. Schroeder, J. W. C. Anderson, and T. J. Talbert. (Mo. Sta. Circ. 197. 1938.) Columbia.

Some economic and social aspects of irrigation in Montana. P. L. Slagsvold and J. D. Mathews. (Mont. Sta. Bul. 354. 1938.) Bozeman.

Nebraska tractor tests, 1920-1937; the Nebraska tractor law; general procedure and rules for official tractor tests. E. E. Brackett et al. (Nebr. Sta. Bul. 313. 1938.) Lincoln.

Root development of young Delicious apple trees as affected by soils and by cultural treatments. W. W. Yocom. (Nebr. Sta. Res. Bul. 95. 1937.) Lincoln.

Economic studies of poultry farming in New York: I, Commercial poultry farms, 1926, 1929, 1930, 1931, 1932, 1933. E. G. Misner and A. T. M. Lee. (N. Y. (Cornell) Sta. Bul. 684. 1937.) Ithaca.

Aquatic diptera, parts IV and V: Part IV, Chironomidae: Subfamily Chironominae. O. A. Johannsen.- Part V, Ceratopogonidae. L. C. Thomsen. (N. Y. (Cornell) Sta. Mem. 210. 1937.) Ithaca.

Inoculation for legumes. A. W. Hofer and J. K. Wilson. (N. Y. State Sta. Circ. 179. 1938.) Geneva.

Fifty-eighth annual report of the North Carolina Agricultural Experiment Station for the fiscal year ending June 30, 1935: Progress report for year ending December 1, 1935. R. Y. Winters et al [1938.] State College Station, Raleigh.

Better methods of seeding meadows. L. E. Thatcher, C. J. Willard, and R. D. Lewis. (Ohio Sta. Bul. 588. 1937.) Wooster.

Soil erosion in Ohio. G. W. Conrey, J. S. Cutler, and A. H. Paschall. (Ohio Sta. Bul. 589. 1937.) Wooster.

Tobacco cultural and fertility tests. M. A. Bachtell, R. M. Salter, and H. L. Wachter. (Ohio Sta. Bul. 590. 1938.) Wooster.

Spraying program and pest control for fruit crops. (Ohio Sta. Bul. 591. 1938.) Wooster.

Oklahoma State Livestock Registry Board, twenty-first annual report, 1936. (Okla. Sta. Circ. 82. 1937.) Stillwater.

Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 11, no. 1. 1938.) Stillwater.

Studies on the fermentation of tobacco: I, The microflora of cured and fermenting cigar-leaf tobacco. J. J. Reid, D. W. McKinstry, and D. E. Haley. (Pa. Sta. Bul. 356. 1938.) State College.

Fiftieth annual report of the South Carolina Experiment Station for the year ended June 30, 1937. H. P. Cooper et al. 1937. Clemson.

Commercial feeding stuffs. L. S. Walker and E. F. Boyce. (Vt. Sta. Bul. 428. 1937.) Burlington.

Elasticity of supply of milk from Vermont plants: II, Factors affecting deliveries in Cabot and Marshfield, Vt., 1920-1935. S. M. Johnson. (Vt. Sta. Bul. 429. 1937.) Burlington.

Forty-seventh annual report for the fiscal year ended June 30, 1937. E. C. Johnson et al. (Wash. Sta. Bul. 354. 1937.) Pullman.

Historical and geographic aspects of wheat yields in Washington. B. H. Pubols and C. P. Heisig. (Wash. Sta. Bul. 355. 1937.) Pullman.

Forty-seventh annual report of the Wyoming Agricultural Experiment Station [for the year ended June 30, 1937]. J. A. Hill. [1938] Laramie.

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Forty-ninth annual report, fiscal year ending June 30, 1937. D. T. Gray et al. (Ark. Sta. Bul. 351. 1938.) Fayetteville.

Hardness of pork fat as affected by alfalfa pasture and by breed. E. H. Hughes. (Calif. Sta. Bul. 616. 1937.) Berkeley.

The biology of the garden centipede, Scutigerella immaculata. A. E. Michelbacher. (Hilgardia [Calif. Sta.] vol. 11, no. 3. 1938.) Berkeley.

Oil sprays for deciduous fruit trees by the tank-mixture method. A. D. Borden. (Calif. Sta. Circ. 345. 1938.) Berkeley.

Planting and maintaining Colorado lawns. G. Beach. (Colo. Sta. Bul. 442. 1938.) Fort Collins.

Accomplishments of the Colorado Experiment Station, a brief review of the work of a half-century old institution in its services to Colorado's agriculture. 1937. Fort Collins.

Report of the director for the year ending June 30, 1937. W. L. Slate. (Conn. (Storrs) Sta. Bul. 221. 1937.) Storrs.

Oil baits for grasshopper and armyworm control. M. D. Farrar, W. P. Flint, and J. H. Bigger. (Ill. Sta. Bul. 442. 1938.) Urbana.

Combating corn diseases in Illinois. B. Koehler and J. R. Holbert. (Ill. Sta. Circ. 484. 1938.) Urbana.

Marketing timber for handle stock in Indiana. R. C. Brundage. (Ind. Sta. Bul. 424. 1937.) Lafayette.

Amounts of protein supplements in rations for broilers. R. E. Roberts and C. W. Carrick. (Ind. Sta. Bul. 425. 1937.) Lafayette.

Stallion enrollment: XIX, Report of Stallion Enrollment Board for the year 1937 with lists of stallions and jacks enrolled. (Ind. Sta. Circ. 234. 1937.) Lafayette.

Oxidized flavors in strawberry ice cream. E. W. Bird et al. (Iowa Sta. Res. Bul. 230. 1938.) Ames.

Some kinematic and dynamic studies of rigid transport wheels for agricultural equipment. E. G. McKibben. (Iowa Sta. Res. Bul. 231. 1938.) Ames.

Effect of aeration under pressure on diacetyl production in butter cultures. C. R. Brewer et al. (Iowa Sta. Res. Bul. 233. 1938.) Ames.

Report on agricultural research for the year ending June 30, 1937; Part I, Project reports, publications, staff, financial statement. R. E. Buchanan et al. [1938]. Ames.

Information regarding recent publications. (Kans. Sta. Circ. 189. 1938.) Manhattan.

The population of Louisiana, its composition and changes. T. L. Smith. (La. Sta. Bul. 293. 1937.) Baton Rouge.

The importance of the fruit and vegetable industry in Louisiana. R. A. Ballinger (La. Sta. Bul. 294. 1938.) Baton Rouge.

Cold resistance studies with Satsuma orange trees. W. D. Kimbrough. (La. Sta. Bul. 295. 1938.) Baton Rouge.

Commercial agricultural seeds, 1937. G. P. Steinbauer. Fungicides and insecticides, 1937. E. R. Tobey. (Maine Sta. Off. Insp. 166. 1937.) Orono.

The forty-ninth annual report of the Maryland Agricultural Experiment Station for the fiscal year ending June 30, 1936. H. J. Patterson. [1937.] College Park.

The fiftieth annual report of the Maryland Agricultural Experiment Station for the fiscal year ending June 30, 1937. H. J. Patterson. [1938.] College Park.

Seed inspection. F. A. McLaughlin. (Mass. Sta. Control Ser. Bul. 92. 1938.) Amherst.

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Influence of rotations under irrigation on potato scab, Rhizoctonia, and Fusarium wilt. R. W. Goss and M. M. Afanasiev. (Nebr. Sta. Bul. 317. 1938.) Lincoln.

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Chemically treated bands for codling moth control. A. M. Woodside. (Va. Sta. Bul. 315. 1938.) Blacksburg.

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Connecticut state entomologist, thirty-seventh report, 1937. W. E. Britton.
(Conn. (State) Sta. Bul. 408. 1938.) New Haven.

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115. 1938.) Experiment.

Methods of evaluating the macadamia nut for commercial use and the variation occurring among seedling plantings in Hawaii. J. C. Ripperton, R. H. Moltzau and D. W. Edwards. (Hawaii Sta. Bul. 79. 1938.) Honolulu.

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Commercial fertilizers. H. R. Kraybill et al. (Ind. Sta. Circ. 235. 1938.) Lafayette.

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Some effects of feeding yeast fermented mash to laying pullets. R. S. Dearstyne and C. O. Bollinger. (N. C. Sta. Tech. Bul. 55. 1938.) State College Station, Raleigh.

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Distribution of legume bacteria in the Piedmont soils of South Carolina.
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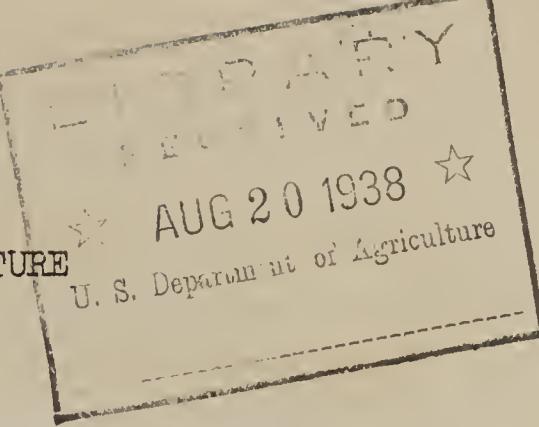
The consumption of dairy products in Burlington, Vermont, 1935-36.

H. B. Ellenberger and J. T. Stearns. (Vt. Sta. Bul. 433. 1938.)
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Hired labor requirements on Arizona irrigated farms. E. D. Tetreau.
(Ariz. Sta. Bul. 160. 1938.) Tucson.

Citrus enterprise-efficiency studies in southern California. A. Shultz.
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Georgia Coastal Plain Experiment Station, seventeenth annual report, 1936-1937, crop yields shown for calendar year 1936. S. H. Starr. (Ga. Coastal Plain Sta. Bul. 28. [1938]) Tifton.

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The effect of confinement on suckling pigs and its influence on the hemoglobin content of their blood. C. M. Vestal and L. P. Doyle. (Ind. Sta. Bul. 426. 1938.) Lafayette.

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Farm tenure in Iowa: V, Some legal aspects of landlord-tenant relationships. M. Harris, A. H. Cotton and R. Schickele. (Iowa Sta. Bul. 371. 1938.) Ames.

Tests of significance in reversal or switchback trials. A. E. Brandt. (Iowa Sta. Res. Bul. 234. 1938.) Ames.

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Soil management and fertilization for tobacco. G. Roberts, E. J. Kinney and J. F. Freeman. (Ky. Sta. Bul. 379. 1938.) Lexington.

Regional development of hog production in Kentucky. C. D. Phillips. (Ky. Sta. Bul. 380. 1938.) Lexington.

Metabolism in the corn ear worm: I, Studies on fat and water. L. P. Ditman. (Md. Sta. Bul. 414. 1938.) College Park.

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Germination of seeds and damping-off and growth of seedlings of ornamental plants as affected by soil treatments. W. L. Doran. (Mass. Sta. Bul. 351. 1938.) Amherst.

Meteorological observations for June, 1938. C. I. Gunness. (Mass. Sta. Met. Bul. 594. 1938.) Amherst.

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Soil fertility investigations: Brown limestone land of southwestern Missouri (Newtonia Experiment Field). H. H. Krusekopf. (Mo. Sta. Bul. 395. 1938.) Columbia.

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UNITED STATES DEPARTMENT OF AGRICULTURE
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LIST OF STATION PUBLICATIONS

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Life history and control of the cowpea curculio. F. S. Arant. (Ala. Sta. Bul. 246. 1938.) Auburn.

Studies on soil structure: Effect of puddled soils on plant growth. W. T. McGeorge and J. F. Breazeale. (Ariz. Sta. Tech. Bul. 72. 1938.) Tucson.

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Biochemistry and pathology of avitaminosis: II, Histopathology of deficiency diseases. H. S. Thatcher, B. Sure and J. Lee. (Ark. Sta. Bul. 356. 1938.) Fayetteville.

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Control of cotton wilt and "rust," or potash hunger, by the use of potash-containing fertilizers. V. H. Young. (Ark. Sta. Bul. 358. 1938.) Fayetteville.

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Swine production in Kansas. C. E. Aubel. (Kans. Sta. Bul. 277. 1938.) Manhattan.

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The vitamin D requirement of dairy calves. S. I. Bochdel et al. (Pa. Sta. Bul. 364. 1938.) State College.

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Steer fattening investigations. J. H. Jones et al. (Tex. Sta. Bul. 564. 1938.) College Station.

The fruit tree situation in Utah. A. L. Wilson and A. L. Stark. (Utah Sta. Bul. 279. 1938.) Logan.

Annual summary of publications. (Utah Sta. Circ. 110. 1938.) Logan.

The exclusion of lead from maple sap (progress report). C. H. Jones. (Vt. Sta. Bul. 439. 1938.) Burlington.

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OFFICE OF EXPERIMENT STATIONS

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LIST OF STATION PUBLICATIONS

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Younge. (Ark. Sta. Bul. 365. 1938.) Fayetteville.

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The orange industry, an economic study. J. M. Thompson. (Calif. Sta.

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Outline of ampelography for the Vinifera grapes in California. F. T.

Bioletti. (Hilgardia [Calif. Sta.], vol. 11, no. 6. 1938.) Berkeley.

Commercial feeding stuffs, report on inspection, 1937. E. M. Bailey.

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1938.) Gainesville.

Muscadine grapes, culture, varieties, and some properties of juices.

M. M. Murphy, Jr., T. A. Pickett, and F. F. Cowart. (Ga. Sta. Bul. 199. 1938.) Experiment.

Tomato leaf mold as influenced by environment. E. F. Guba. (Mass. Sta.

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Meteorological observations for August 1938. C. I. Gunness. (Mass. Sta. Met. Bul. 596. 1938.) Amherst.

The manganese content of feedstuffs and its relation to poultry nutrition. P. J. Schaible, S. L. Bandemer, and J. A. Davidson. (Mich. Sta. Tech. Bul. 159. 1938.) East Lansing.

Terracing, an important step in erosion control. M. Clark and J. C. Wooley. (Mo. Sta. Bul. 400. 1938.) Columbia.

Particle size of tobacco mosaic virus. C. H. Hills and C. G. Vinson. (Mo. Sta. Res. Bul. 286. 1938.) Columbia.

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Soils of Petroleum County, soil reconnaissance of Montana, preliminary report. L. F. Gieseke. (Mont. Sta. Bul. 363. 1938.) Bozeman.

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Turkey feeding experiments, 1933-1937. F. B. Headley and E. W. Knight. (Nev. Sta. Bul. 148. 1938.) Reno.

Experiments with grass hay. F. S. Prince et al. (N. H. Sta. Bul. 306. 1938.) Durham.

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Egg quality as related to the individual bird. F. P. Jeffrey. (N. J. Sta. Hints to Poultrymen, vol. 25, no. 6. 1938.) New Brunswick.

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Fifty-first annual report, 1937-1938. J. L. Hills. (Vt. Sta. Bul. 438. 1938.) Burlington.

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Control of cherry leaf-spot in West Virginia. F. J. Schneiderhan. (W. Va. Sta. Bul. 288. 1938.) Morgantown.

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Experimental feeding of deer. A. A. Nichol. (Ariz. Sta. Tech. Bul. 75. 1938.) Tucson.

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Physiological dropping of fruits: III, Plum curculio injury to young fruits in relation to physiological drop. L. R. Detjen. (Del. Sta. Bul. 212. 1938.) Newark.

Ornamental hedges for Florida. H. Mowry and R. D. Dickey. (Fla. Sta. Bul. 323. 1938.) Gainesville.

Grape growing in Florida. R. D. Dickey and K. W. Loucks. (Fla. Sta. Bul. 324. 1938.) Gainesville.

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Cattle feeding, 1934-1935: Meat meal tankage. J. H. Skinner and F. G. King. (Ind. Sta. Bul. 428. 1938.) Lafayette.

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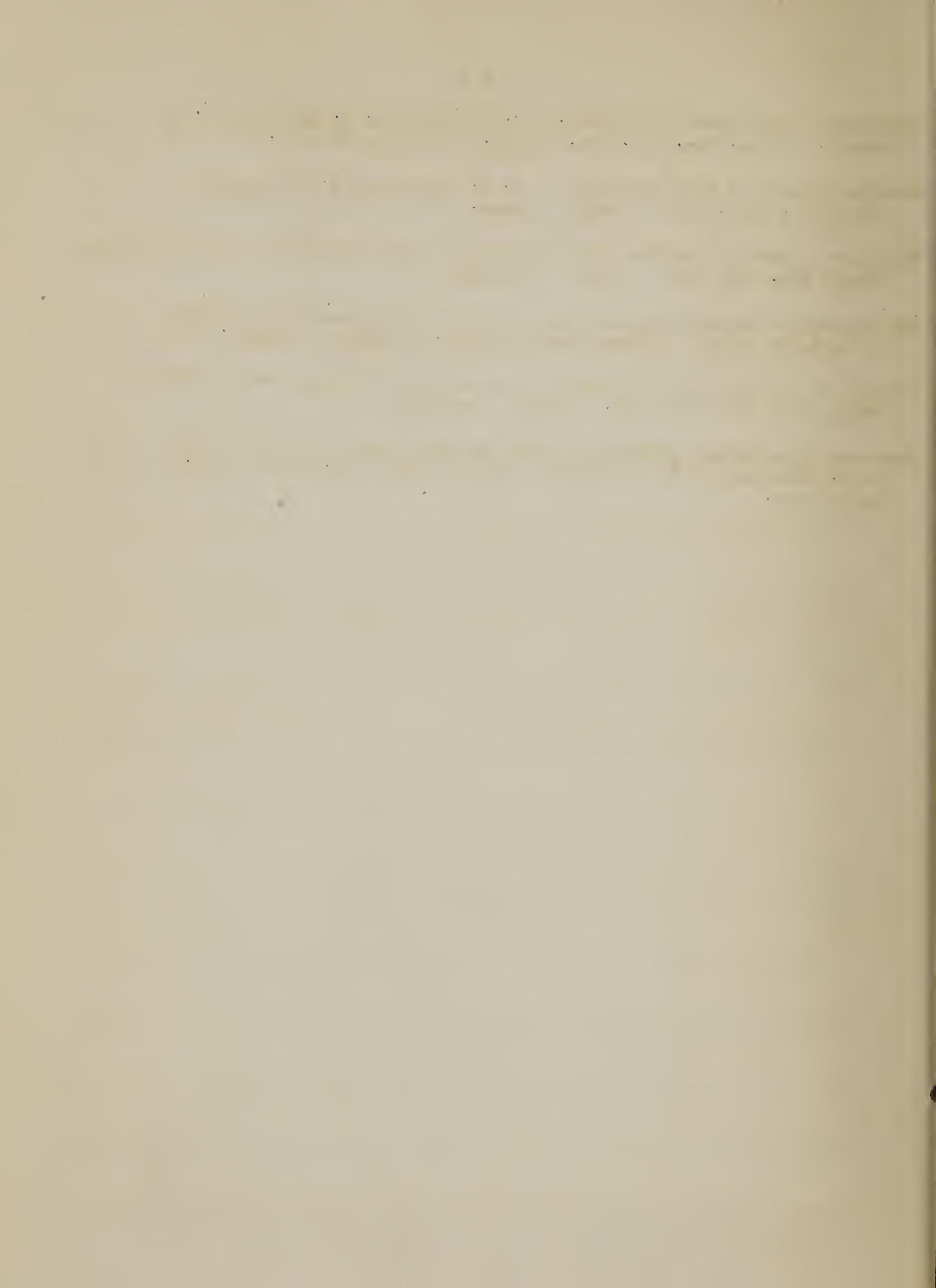
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UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
Washington, D. C.

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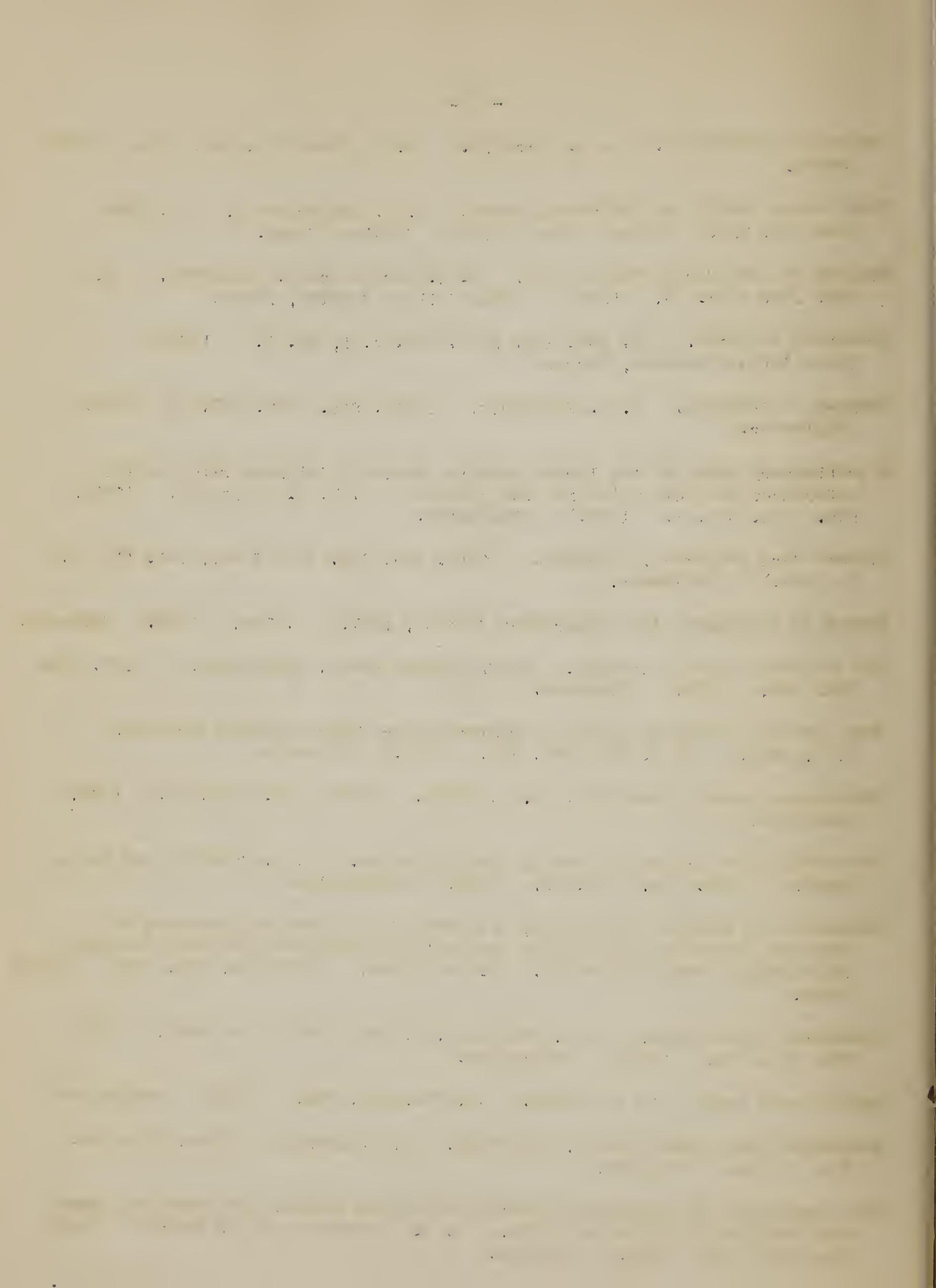
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866
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LIST OF STATION PUBLICATIONS

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The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

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